

PRIOR ART

FIG. 1

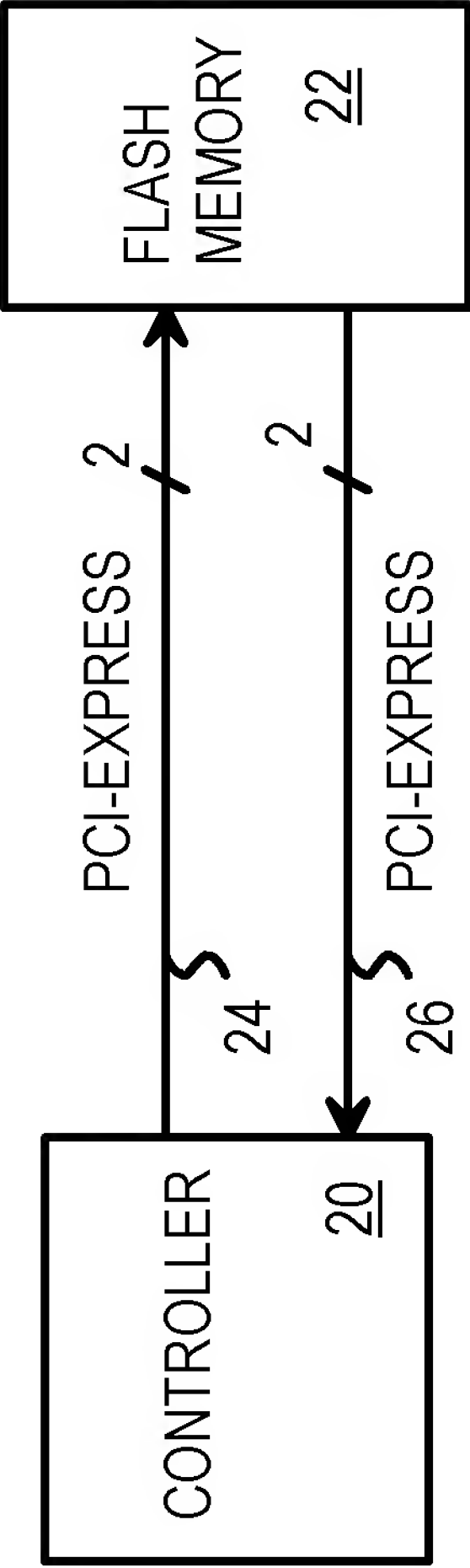


FIG. 2A

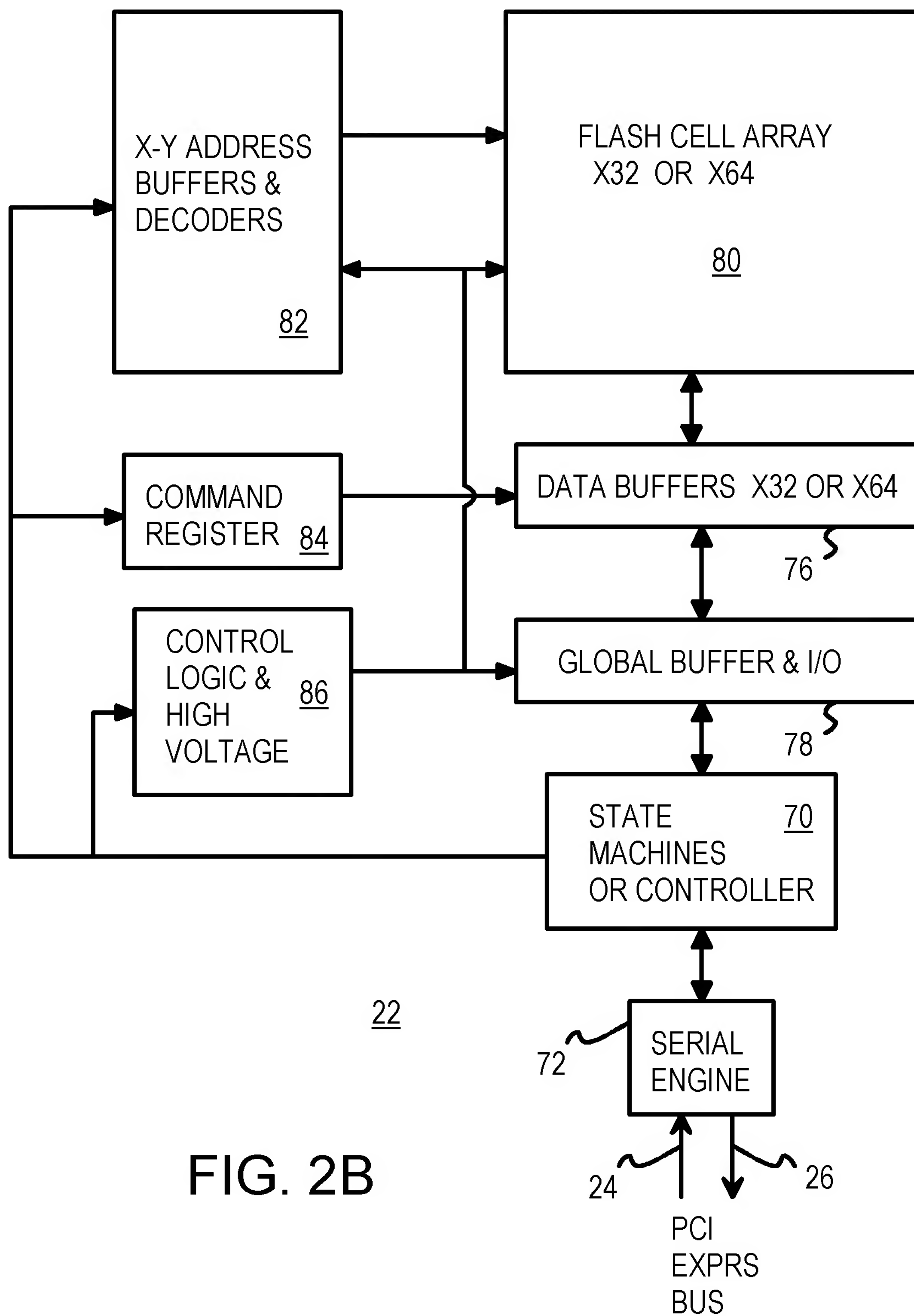


FIG. 2B

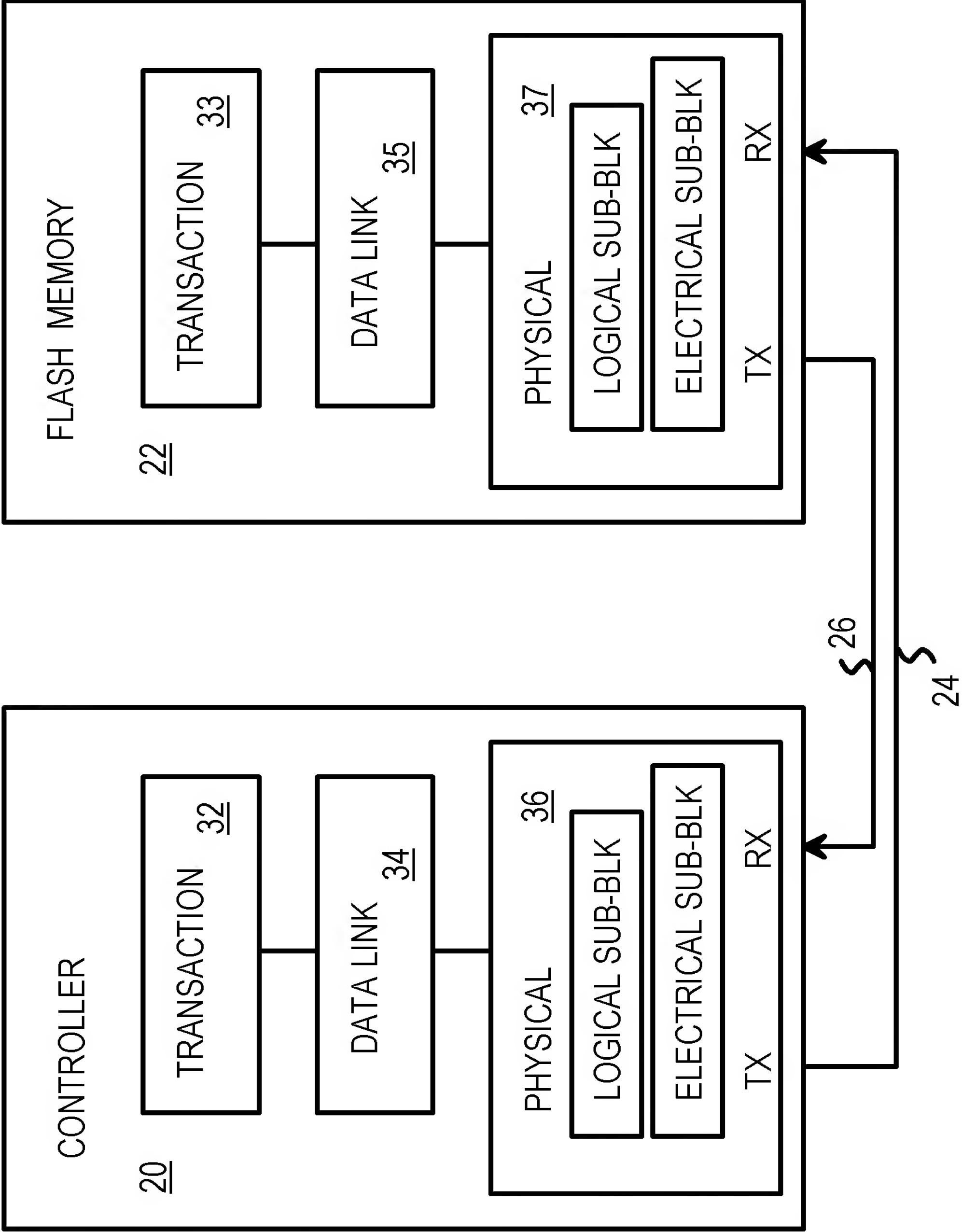


FIG. 3

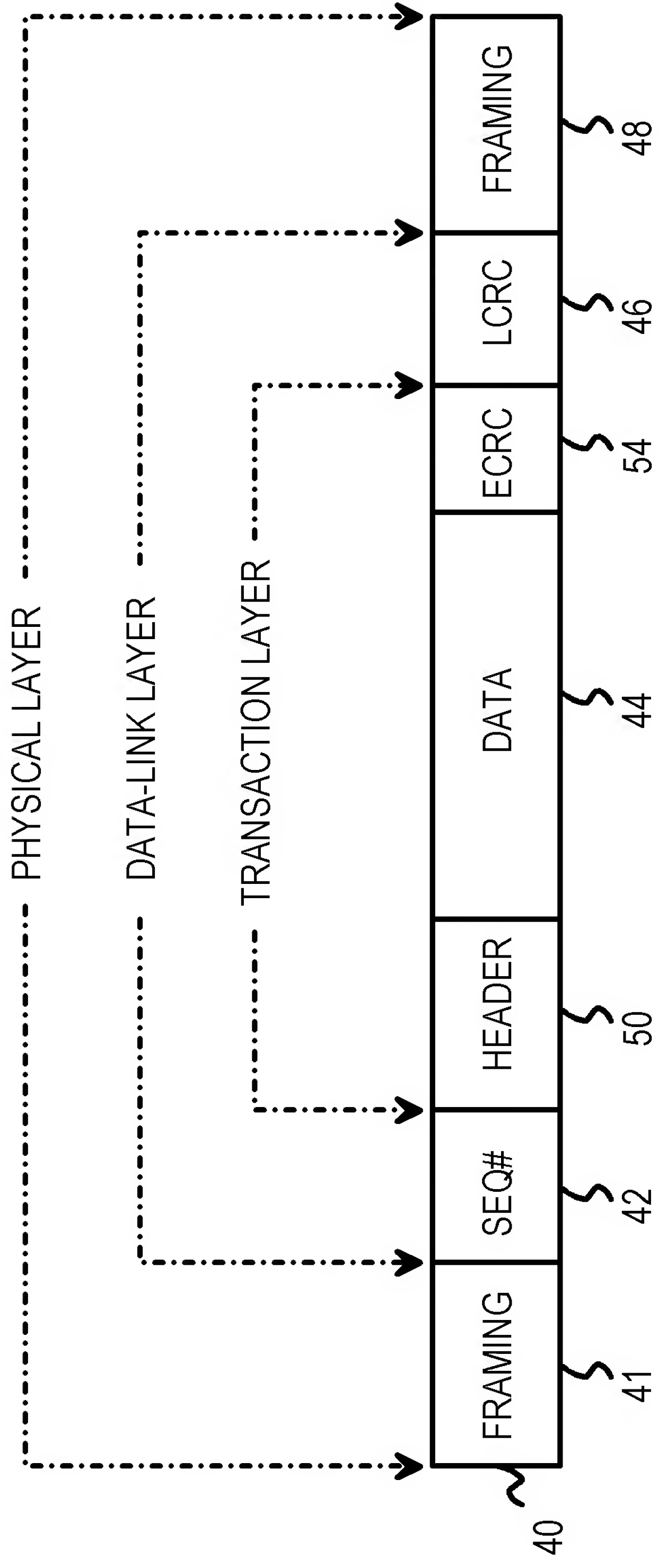


FIG. 4

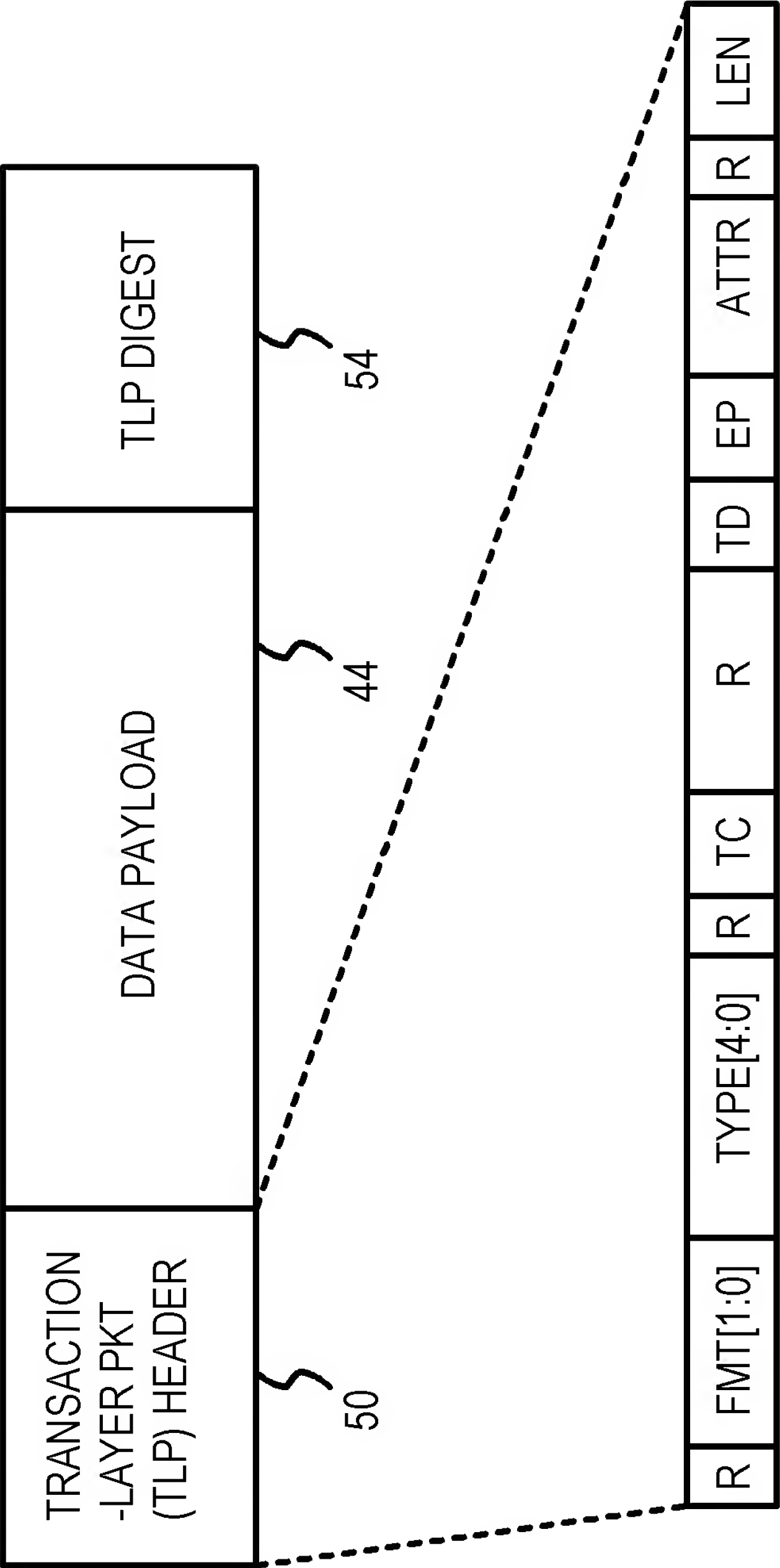


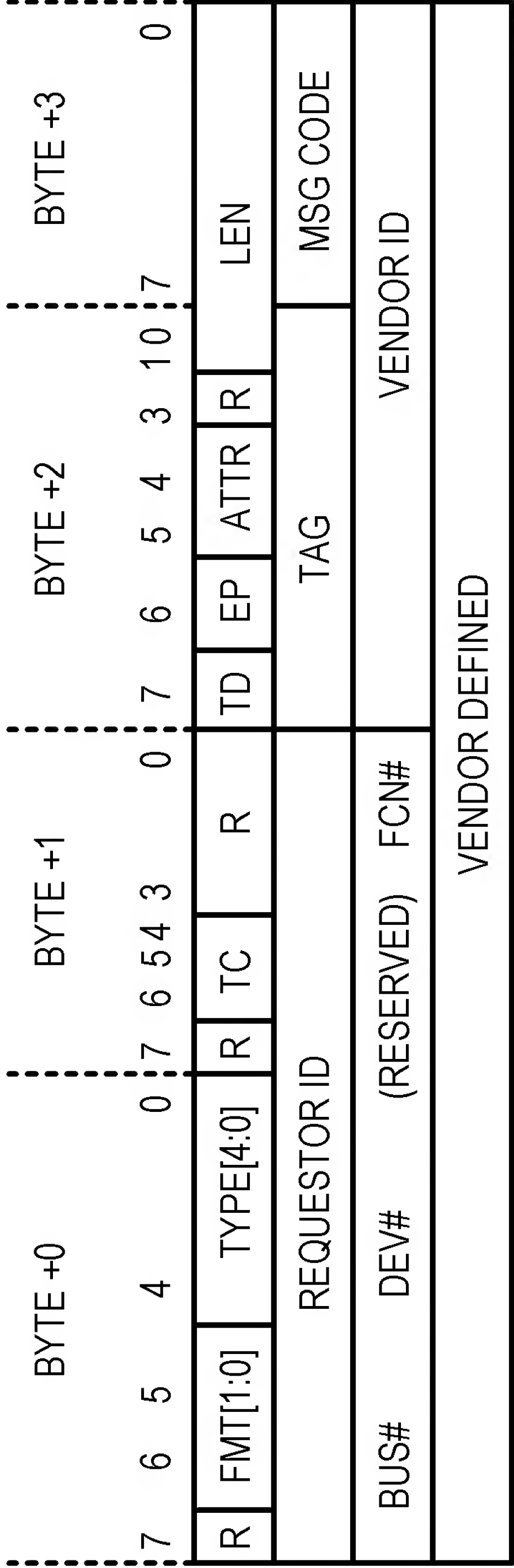
FIG. 5

TLP Type	FMT[1:0]	Type[4:0]	Description
Memory-Read	00	00000	Memory Read Request
	01		
Memory-Write	10	00000	Memory Write Request
	11		
Configuration-Read	00	00101	Configuration Read Request
Configuration-Write	10	00101	Configuration Write Request
Message	01	10RRR	Message Request
Completion-Data	10	01010	Completion with Data

FIG. 6

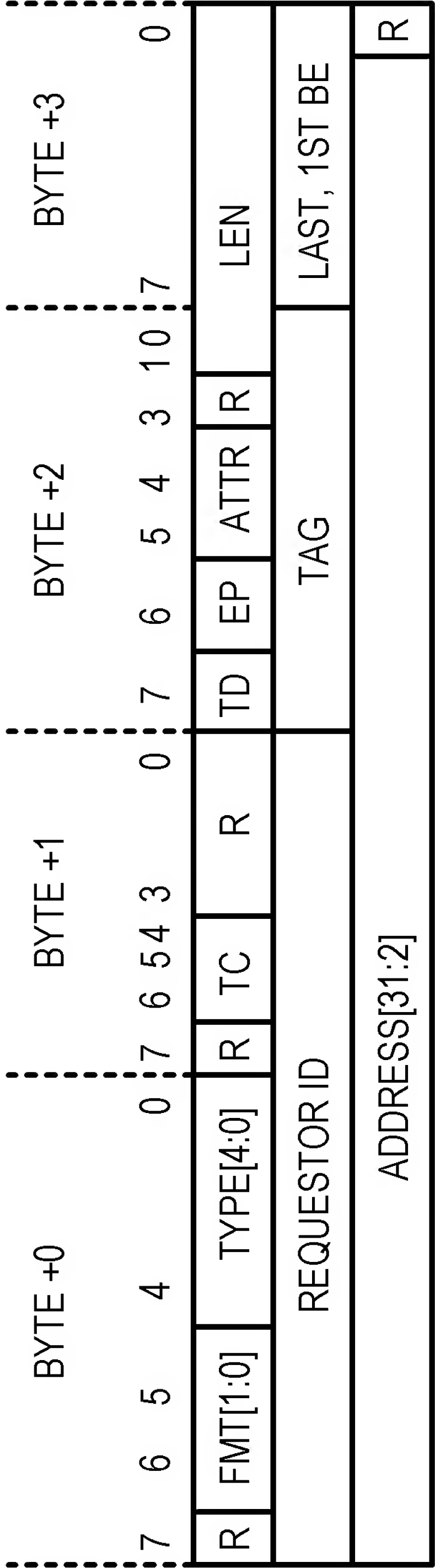
Flash Memory Commands	Request Packet Type	Response Packet Type
Read	Mem Read Request	Completion with Data
Read for Copy Back	Mem Read Request for 1 word	Completion with Status Data
Read ID	Configuration Read	Completion with Data
Reset	Message Request	Not needed
Program	Mem Write Request	Message Request
Cache Program	Mem Write Request	Message Request
Copy-Back Program	Mem Write Request for 1 word	Message Request
Erase	Message Request	Message Request
Read status register	Configuration Read	Completion with Data

FIG. 7



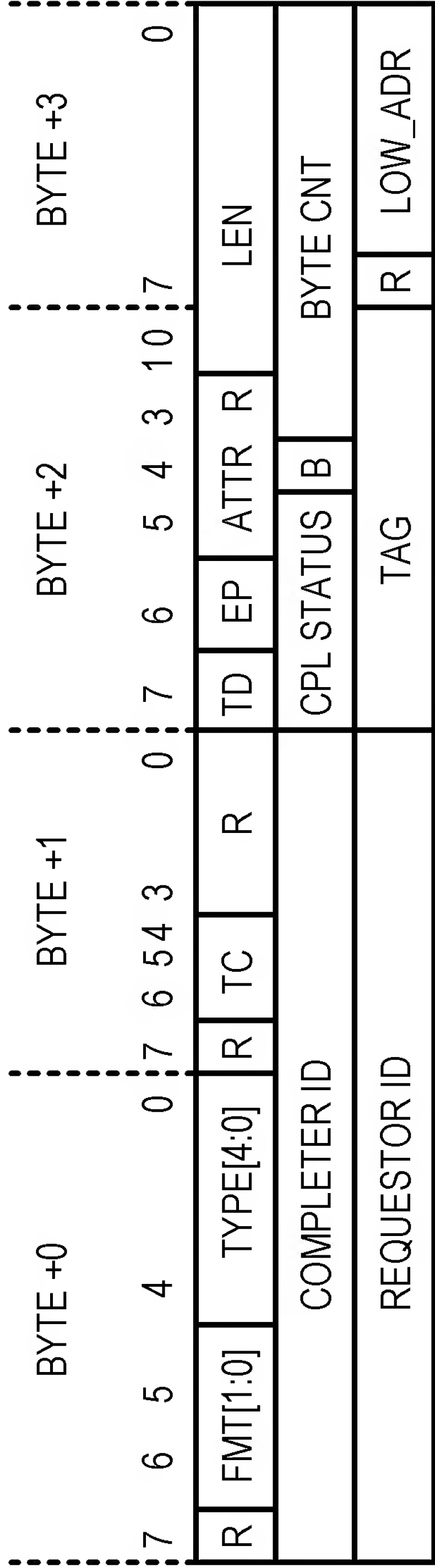
VENDOR-DEFINED MESSAGE

FIG. 8



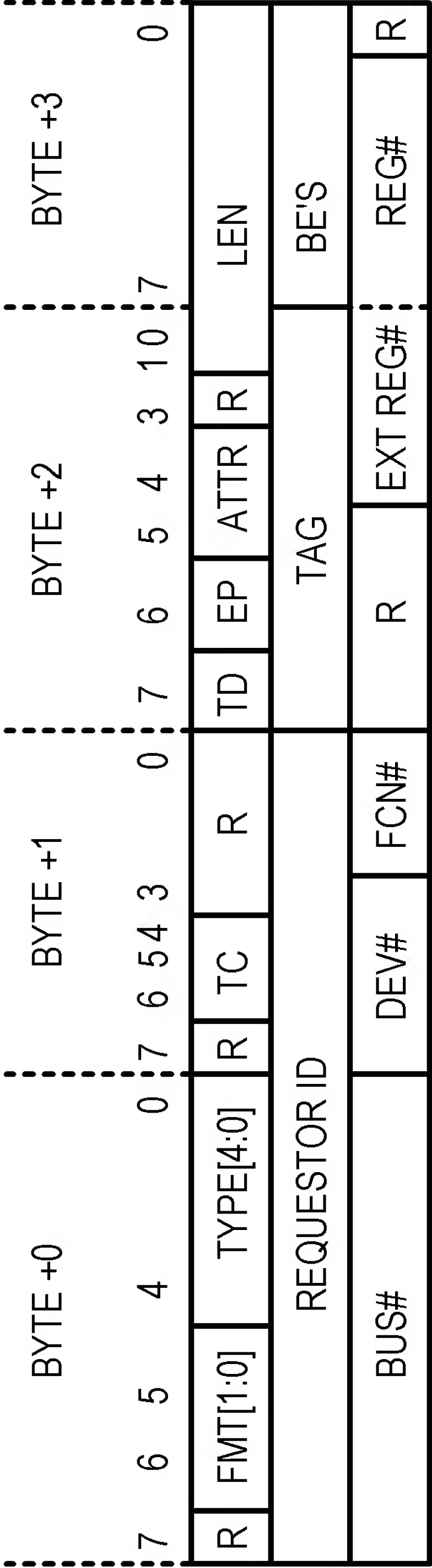
MEMORY REQUEST

FIG. 9



COMPLETION PKT HEADER

FIG. 10



CONFIGURATION REQUEST

FIG. 11

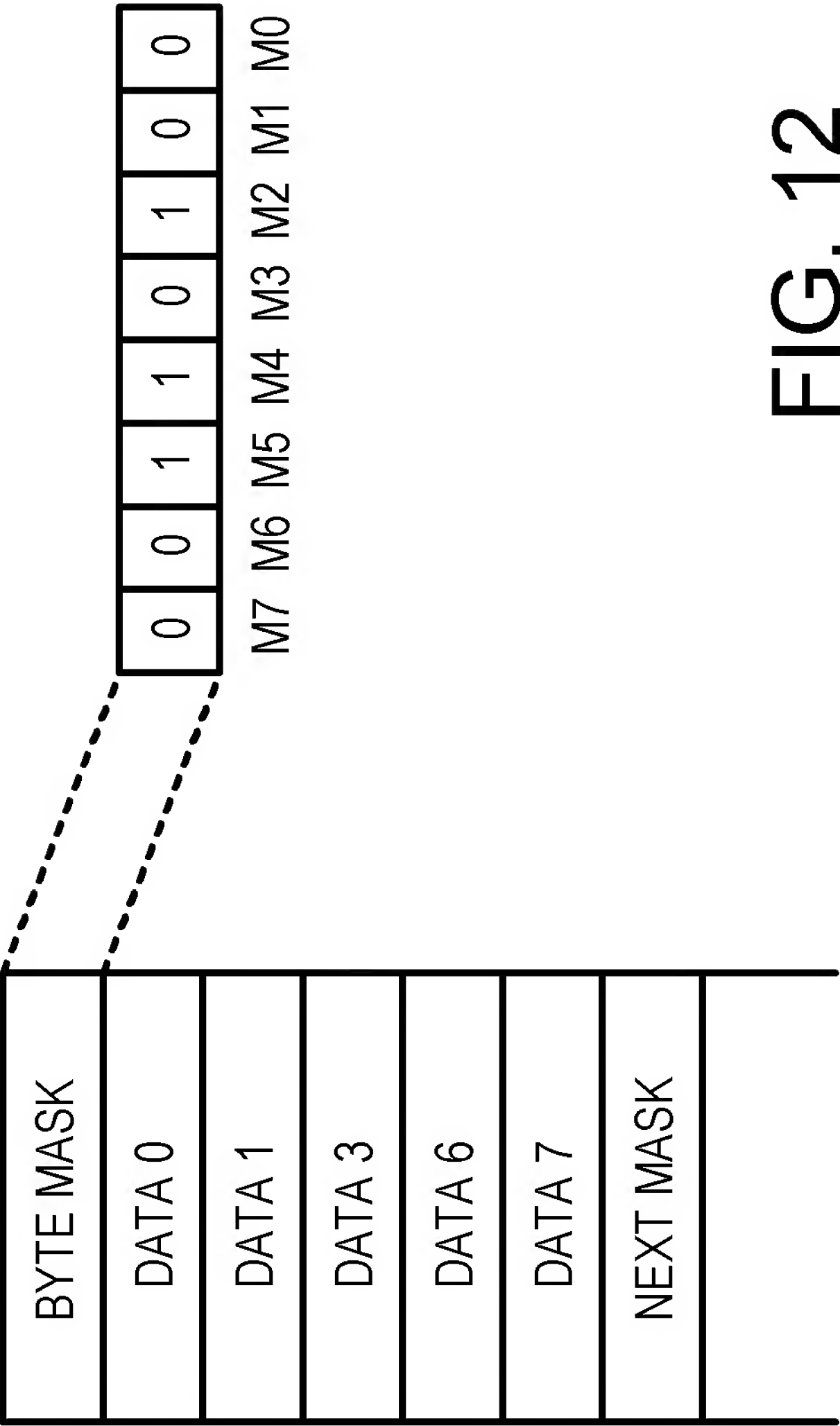


FIG. 12

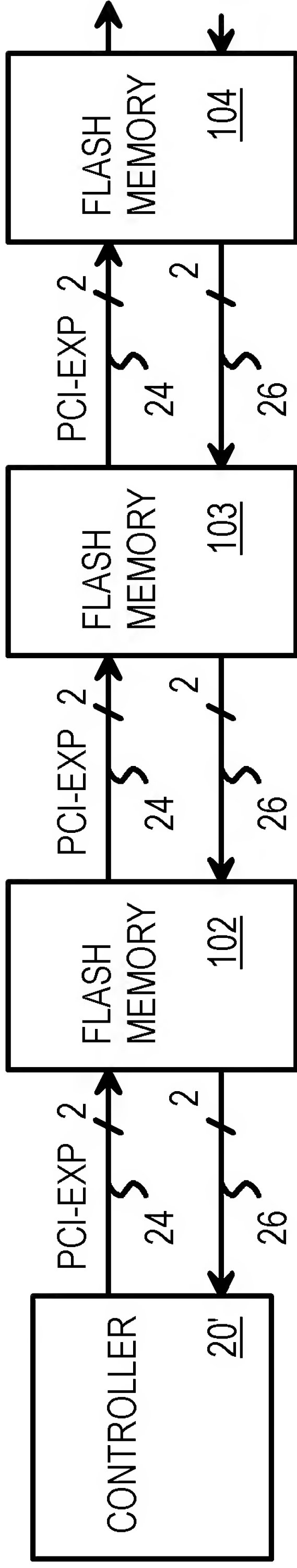


FIG. 13A

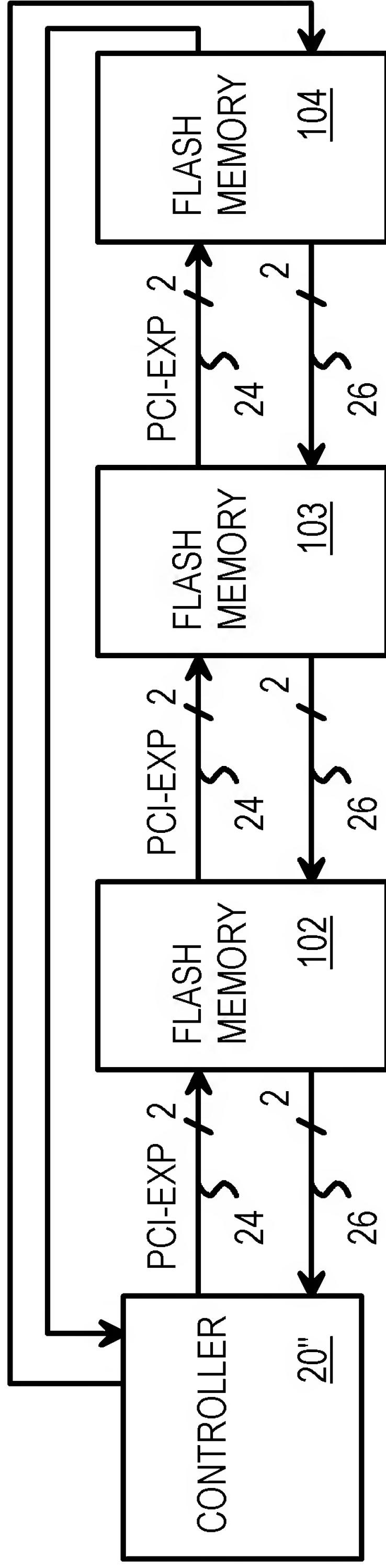


FIG. 13B